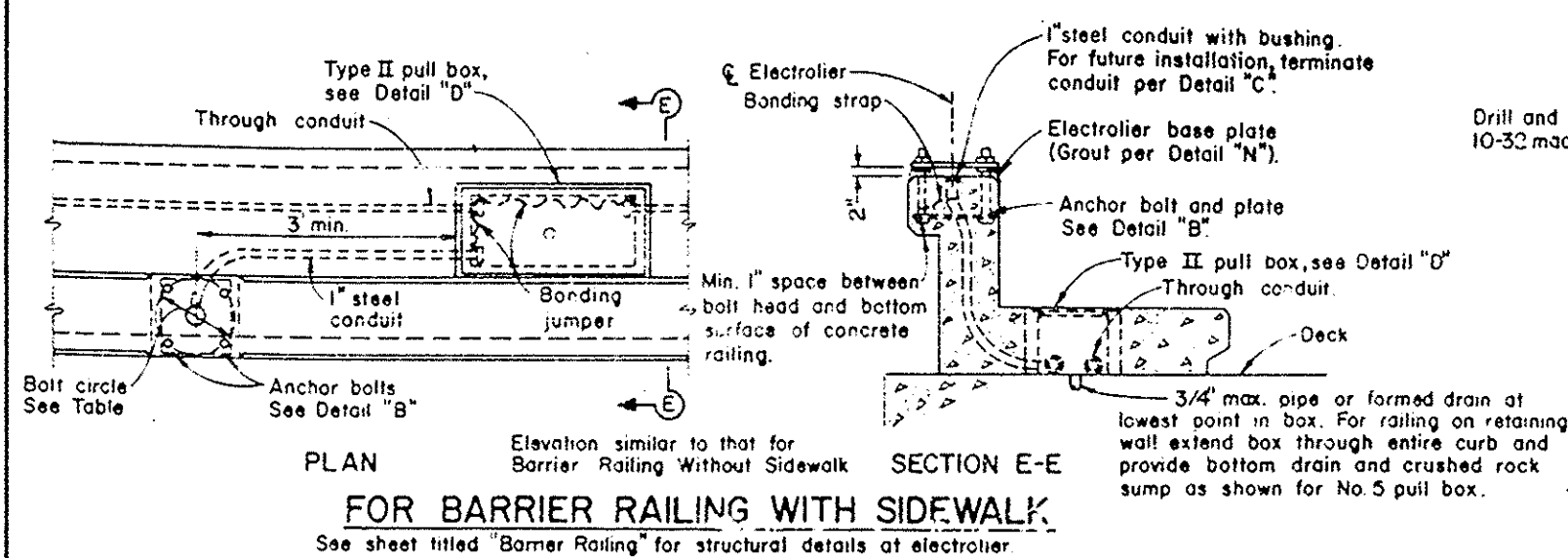
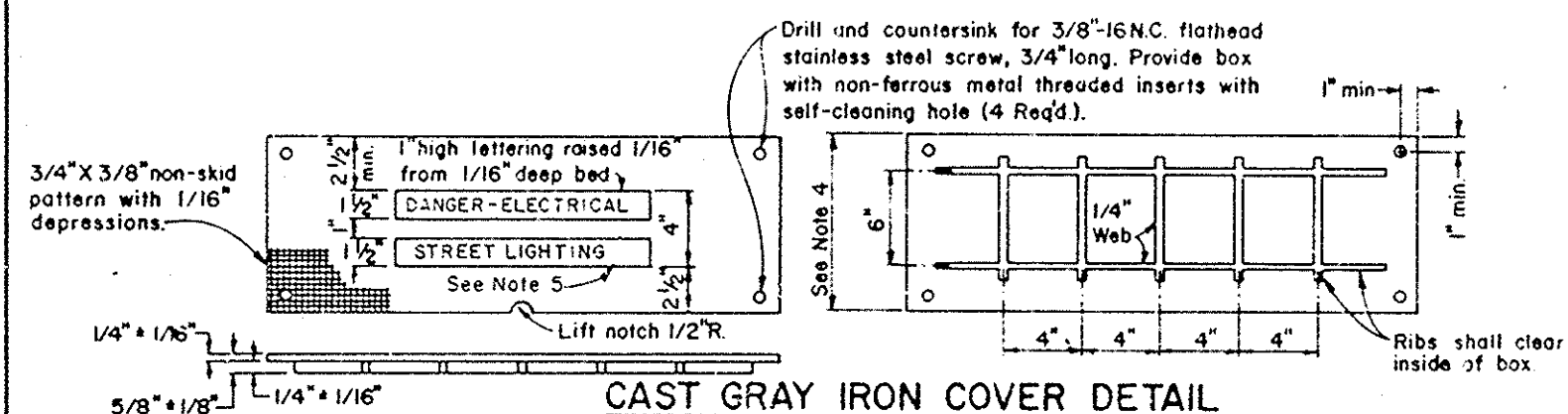
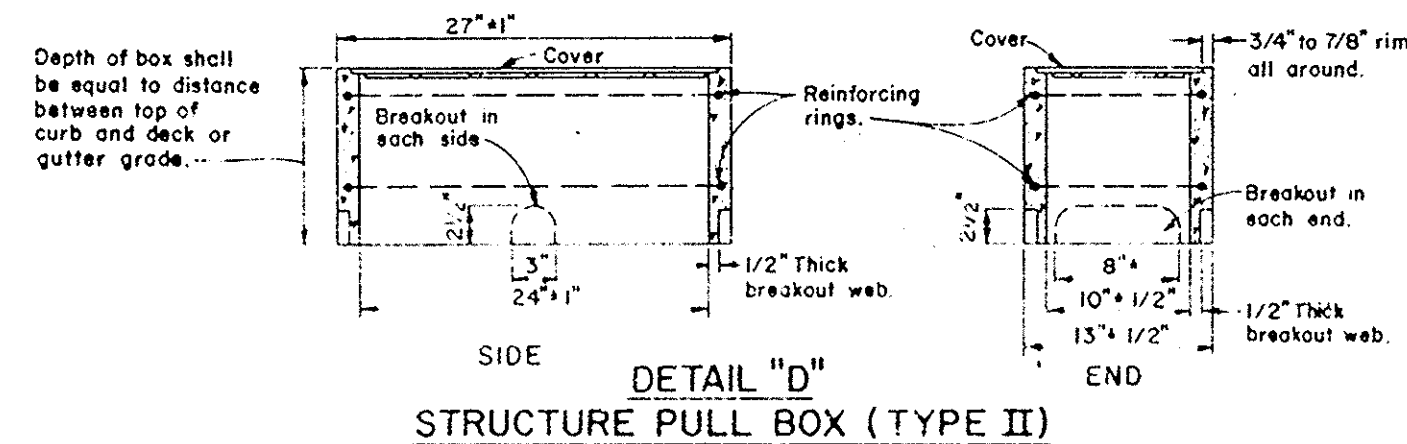
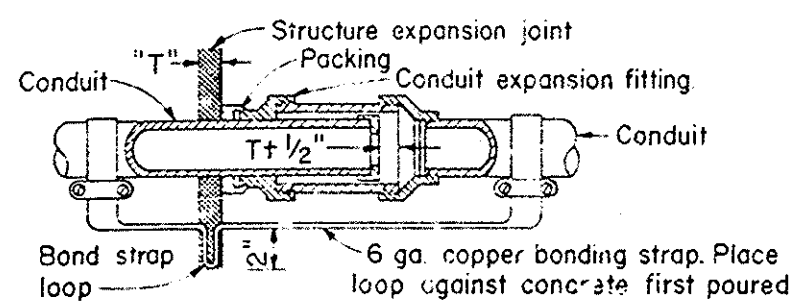




DETAIL "A" ELECTROLIER BASE AND PULL BOX INSTALLATION

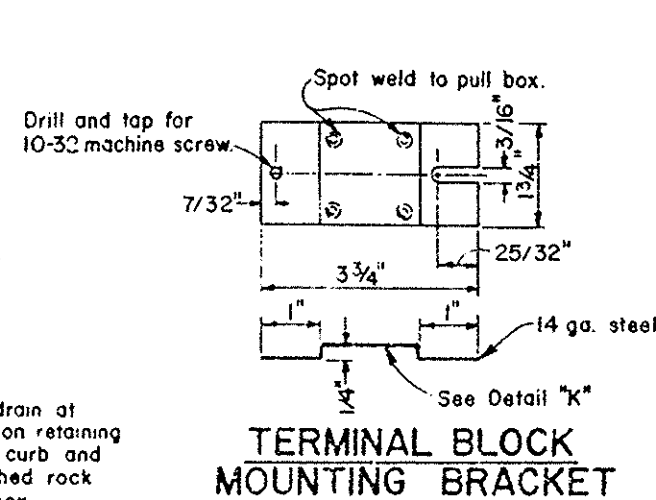


- NOTES:
1. Cover shall conform to the ASTM specification for gray iron castings, designation A-48, class 30, and shall be hot-dipped galvanized after fabrication.
 2. Completed cover shall be free from warp and shall fit into box facing either direction.
 3. Steel reinforcing may be as used in standard products of respective manufacturer.
 4. Dimensions of cover shall provide 1/2" min. overlap all around top inside edge of box.
 5. Circuit designation as shown on ES-3A

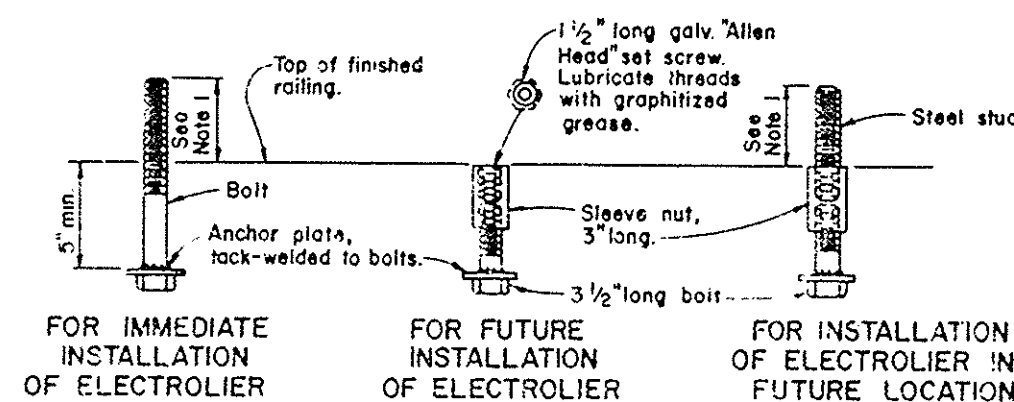


- NOTES:
1. Except for sidewalk joints, a conduit expansion fitting shall be installed at each 1/2 inch or greater structure joint, hinge or abutment.
 2. Expansion fitting shall be installed parallel to superstructure girders.
 3. Where lateral movement greater than 1/4" may occur, install neoprene sleeve expansion-deflection fitting straddling joint.

DETAIL "X" CONDUIT EXPANSION JOINT



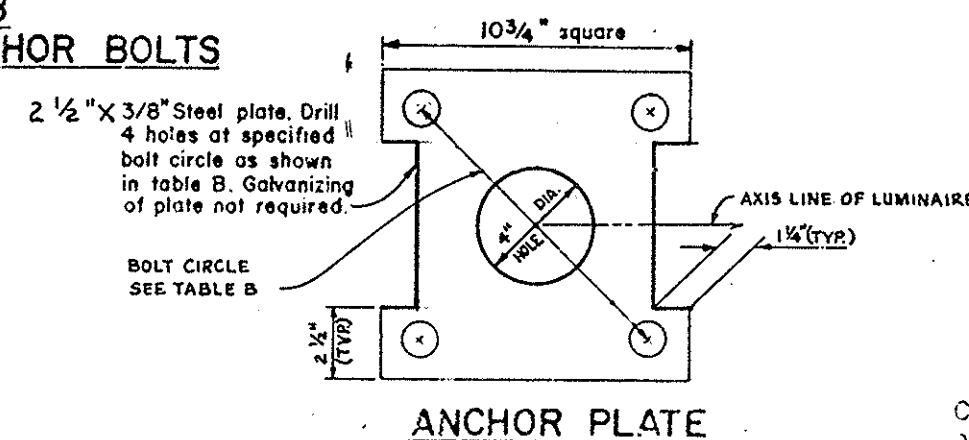
TERMINAL BLOCK MOUNTING BRACKET



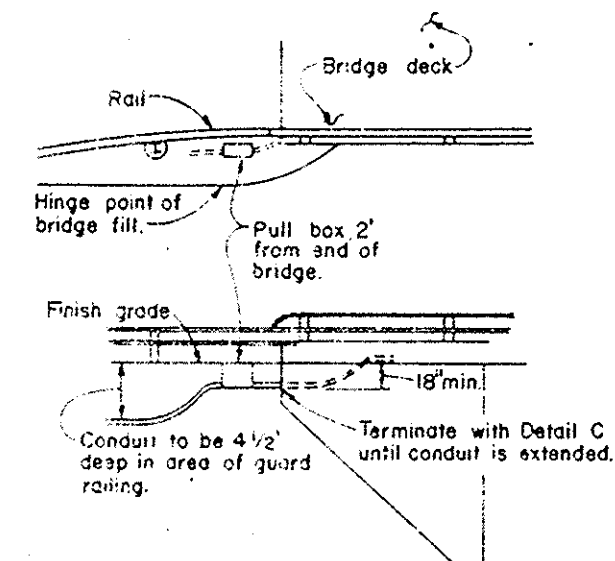
- NOTES:
1. Anchor bolt or stud length shall be such that thread extends 1/2" maximum above nut on level base plate after grouting. See Detail "N".
 2. Electrolier anchor bolts shall be held in position for pouring by means of suitable templates. Deviation from the true position, vertical and height, shall not exceed 1/16".

DETAIL "B" ELECTROLIER ANCHOR BOLTS

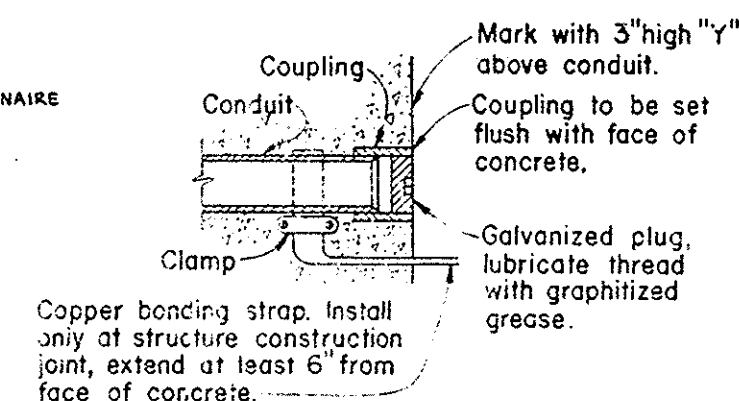
TABLE B		
TYPE	BOLT CIRCLE	ANCHOR BOLT DIAMETER
1X	11"	1"
2X	11 1/2"	1 1/8"



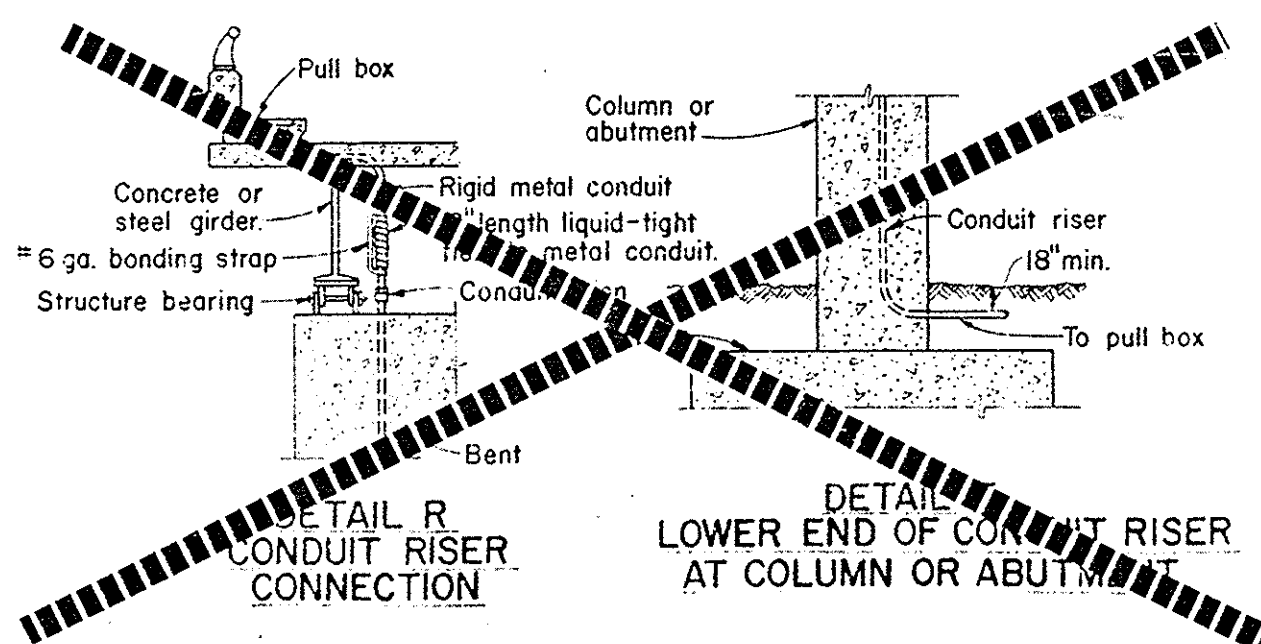
ANCHOR PLATE



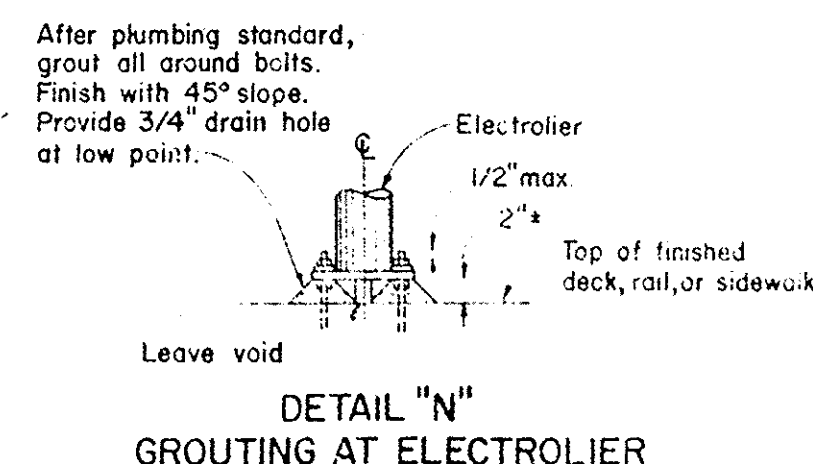
DETAIL "I" CONDUIT TERMINATION AT END OF STRUCTURE



DETAIL "C" CONDUIT TERMINATION



DETAIL "R" CONDUIT RISER CONNECTION



DETAIL "N" GROUTING AT ELECTROLIER

#12504
Hamilton-Victoria Bridge (SA38)
Sheet 17 of 22
Rev. 28-11
Linen

HAMILTON-VICTORIA BRIDGE	
SA-38	
ACROSS SANTA ANA RIVER	
ELECTRICAL DETAILS	
AS SHOWN	17 22

DRB (12504)